

# IOMEGA<sup>®</sup> TAPE250<sup>™</sup>

Configuration and  
Accessory Guide







# Iomega TAPE250™

## Configuration and Accessory Guide

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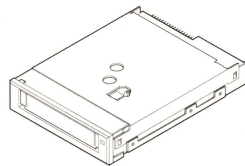
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## Introducing the Iomega TAPE250 Family!

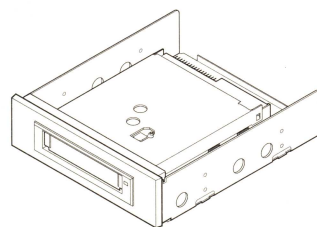
The Iomega TAPE250 family of tape drive subsystems includes the following models that will work with most IBM® AT® and compatible computers.

**The *Iomega TAPE250 Insider* subsystem is designed to fit in a 3½ inch, inch-high bay.**



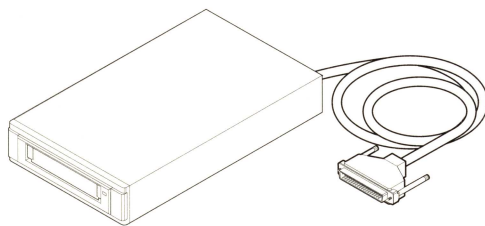
***TAPE250 Insider* Subsystem**

**The *Iomega TAPE250 Insider HH* subsystem is designed to fit in a 5¼ inch, half-height bay, using the conversion hardware packaged with the subsystem.**



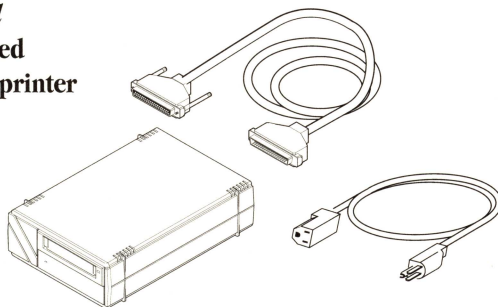
***TAPE250 Insider HH* Subsystem**

**The *Iomega TAPE250 PC Powered* subsystem is designed to be powered by your computer through the floppy extender card packaged with the subsystem.**



***TAPE250 PC Powered* Subsystem**

**The *Iomega TAPE250 Parallel Port Tape* subsystem is designed to plug and play through your printer parallel port.**



***TAPE250 Parallel Port Tape* Subsystem**

## When to Use This Guide


As packaged, your Iomega TAPE250 subsystem will satisfy the mechanical and electronic configuration requirements of most IBM AT and compatible computers. Follow the installation guide instructions for your TAPE250 subsystem. *Use this guide if you need or want additional configuration and accessory hardware.*

## Using This Guide

- **Chapter One:** Find your computer in Chapter one and identify the kit numbers recommended for your system. (If you don't find your computer listed, refer to Chapter three of the *Iomega TAPE250 Subsystems – General Reference Guide* for Iomega Customer Service telephone numbers.)
- **Chapter Two:** Refer to Chapter two for a description of kits and accessories listed in Chapter one, including optional hardware that may enhance system performance.



### Ordering

An order form and pricing information is included with this manual for your convenience. 

## **Chapter 1 Your Computer and the TAPE250**

Hardware Configurations .....	1-1
Electronic Configurations .....	1-1
Iomega Configuration Kits for Your Computer .....	1-2

## **Chapter 2 What About ...**

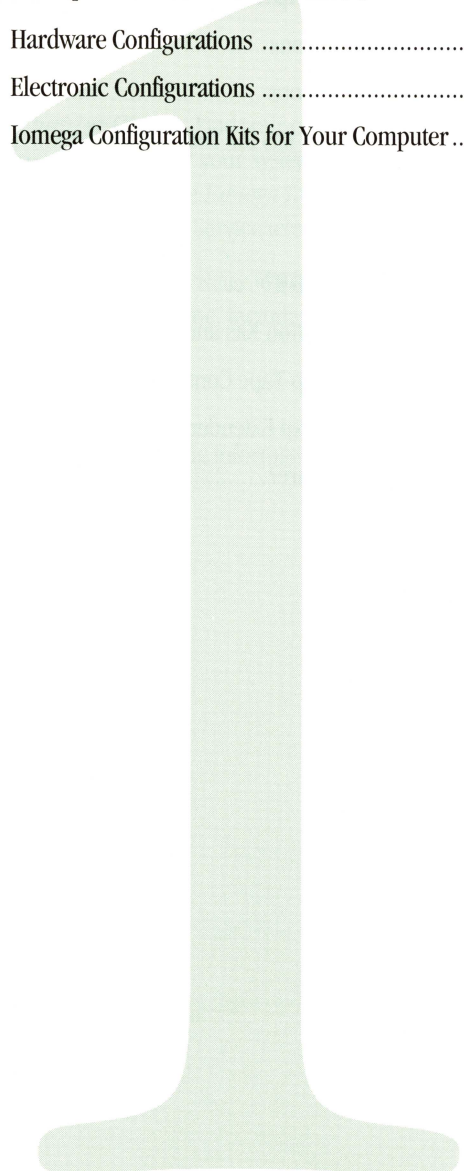
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## **Your Computer and the TAPE250**

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# Your Computer and the TAPE250

The IBM AT and compatible computers listed in this chapter represent a broad cross section of systems and models. Iomega configuration engineers regularly update this guide. If your computer is listed, the exact configuration information for your system is shown next to the computer listing. If your computer is not listed, its configuration requirements may match one or more of the kits shown in Chapter Two.

## Hardware Configurations

The Iomega configuration kit(s) listed next to your computer in this chapter are described and illustrated in Chapter Two. These kits address the standard, factory configurations of your computer using a TAPE250 subsystem. Modified computers may require minor hardware adjustments.

### △ Accessories

Accessory hardware available for your TAPE250 subsystem is illustrated and described in Chapter Two. △

### △ TAPE250 External Subsystems

Consider using the PC Powered or Parallel Port Tape subsystem if the Insider or Insider HH is not an option. △

## Electronic Configurations

- The TAPE250 subsystems will work with your existing floppy controller in most situations.
- For one megabit per second (1Mbps) transfer speed, Iomega recommends the PC10p, 1Mbps tape controller, described in Chapter Two. (The PC10p can be used with all TAPE250 subsystems except the Parallel Port Tape.)

## Iomega Configuration Kits for Your Computer

Computer	Kit(s) for the TAPE250 Insider and Insider HH <sup>①</sup>
<b>Acer®</b>	
1133	IK-500
<b>ACMA®</b>	
286	IK-500
<b>ALR®</b>	
386/220	IK-500
20386	IK-500
FlexCache™ 25/386	IK-500
FlexCache 33/386Z	IK-500
Veisa	No kit needed for 3½ inch, inch-high bay; IK-500 for 5¼ inch, half-height bay
<b>Amax®</b>	
PC/386	IK-500
<b>Amdek®</b>	
System/286A™	IK-500
<b>ARC®</b>	
Turbo Model 10™	IK-500
Skyscraper™ 386SX20	IK-500
<b>Applied Computer Technologies®</b>	
386/20	IK-500

<sup>①</sup> Refer to: Chapter 2 – What About ... Kit Contents? (The IK-500 hardware is shipped with the TAPE250 Insider HH; it is not shipped with the Insider)



**Computer****Kit(s) for the TAPE250 Insider and Insider HH**

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**Artek®**

MCS 386-33™	IK-500
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**AST®**

Bravo™ 286	IK-500
Premium™/286/10	IK-500
Premium/386c	IK-500
Premium/386/SX	IK-500
Premium/386/16	IK-500
Premium II/386/SX20	Not Supported (consider the PC Powered)
Premium/386/25	IK-500
Premium/386/33	IK-500
Premium/486/33	IK-500

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**Blackship®**

386/33	IK-500
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**Blue Star®**

486/25	IK-500
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**CIT®**

386/12	IK-500
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**Citus®**

TS386 SX	IK-500
TS386/25	IK-500
TS486	IK-500

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**COMPAQ®**

Deskpro 286E	IK-500+IK-503+AH-404
Deskpro 386S	IK-500+IK-503
Deskpro 386/20E	IK-500+IK-503
Deskpro 286/12	IK-500+IK-502

**Computer****Kit(s) for the TAPE250 Insider and Insider HH ①**

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**COMPAQ (cont.)**

Deskpro 386/20	IK-500+IK-502
Deskpro 386/33	IK-500+IK-502
Portable 386/20	Not Supported (consider the PC Powered)
Deskpro 486S/25M	IK-500+IK-503+AH-404
Deskpro 486/50	IK-500+IK-503

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**Competition****Computer®**

286/16	IK-500
386/16	IK-500
486	IK-500

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**CompuAdd™**

216	Not Supported (consider the PC Powered)
286	IK-500
386/16	IK-500
386/20	IK-500

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**Copam®**

PC 386-16	IK-500
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**Data Stor®**

286/12D	IK-500
386/33D	IK-500
486/25	IK-500

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**DEC®**

5130-01	Not Supported (consider the PC Powered)
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① Refer to: Chapter 2 – What About . . . Kit Contents? (The IK-500 hardware is shipped with the TAPE250 Insider HH; it is not shipped with the Insider)

**Computer****Kit(s) for the TAPE250 Insider and Insider HH**

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**Dell®**

PC's Limited 300™	IK-500+IK-502
System 200™	IK-500+IK-502
System 310™	IK-500+IK-502
System 316SX	IK-500
System 320LX	IK-500+IK-502
System 325D	IK-500+IK-502
System 325P	IK-500
System 333D	IK-500+IK-502
System 425E	IK-500+IK-502

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**Diamond Technologies®**

386SX/20	IK-500
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**DTK®**

Data-1000	IK-500
Keen 2530	Not Supported (consider the PC Powered)
Keen 3304	IK-500
Tech 1230	IK-500

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**Easy Data®**

216 HI	IK-500
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**80 Data®**

286/12	IK-500
AT-2000 386	IK-500
386/20	IK-500
386/33	IK-500
386SX	IK-500



Computer	Kit(s) for the TAPE250 Insider and Insider HH ①
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**Electros®**

286	IK-500
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**Emerson®**

8286ECV	IK-500
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**EPSON®**

Equity™ II +	IK-500+IK-501
Equity IIe	IK-500+IK-501
Equity III +	IK-500+IK-501
Equity 386-20	IK-500+IK-501
Equity 386SX	IK-500+IK-501

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**Everex®**

Step 386/33	IK-500
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**Gama®**

386	IK-500
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**Gateway®**

AT-Turbo 286	IK-500
2000	IK-500
2000 486	IK-500
386SX	IK-500

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**Goldstar®**

Goldstar GS200™	IK-500
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① Refer to: Chapter 2 – What About . . . Kit Contents? (The IK-500 hardware is shipped with the TAPE250 Insider HH; it is not shipped with the Insider)

<b>Computer</b>	<b>Kit(s) for the TAPE250 Insider and Insider HH</b>
<b>GRiD®</b>	
386is	Not Supported (consider the PC Powered)
<b>Hewlett-Packard®</b>	
Vectra ES	Not Supported (consider the PC Powered)
Vectra RS/20	Not Supported (consider the PC Powered)
<b>Hyundai®</b>	
Super 16-TE™	Not Supported (consider the PC Powered)
Super 286C™	IK-500
Super 286E™	IK-500
Super 386N	IK-500
<b>IBM®</b>	
AT™	IK-500
<b>Jameco®</b>	
286	IK-500
286 NEAT	IK-500
386	IK-500
<b>KIS®</b>	
386/33	IK-500
<b>Leading Edge®</b>	
Model D2	IK-500
<b>Micronics®</b>	
386/25	IK-500

**Computer****Kit(s) for the TAPE250 Insider and Insider HH ①**

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**Micro Source  
International®**

Premium 2500™ 386/25	IK-500
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**Mitsubishi®**

MP286	IK-500
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MP386-112	IK-500
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**NCR®**

PC810™	IK-500
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386/16	Not Supported (consider the PC Powered)
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**NEC®**

Powermate™I	IK-500+IK-505
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Powermate I+	IK-500+IK-505
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Powermate II	IK-500+IK-505
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Powermate II+	IK-500+IK-505
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Powermate SX/20i	IK-500+IK-506
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Powermate SX/25i	IK-500+IK-506
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**Northgate®**

Elegance 1000™	IK-500+IK-508
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Elegance SP 433™	IK-500
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212 MicroStation™	IK-500
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286 SuperMicro™	IK-500+IK-508
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**NTX®**

386SX	IK-500+IK-503
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① Refer to: Chapter 2 – What About ... Kit Contents? (The IK-500 hardware is shipped with the TAPE250 Insider HH; it is not shipped with the Insider)

**Computer****Kit(s) for the TAPE250 Insider and Insider HH**

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**Packard Bell®**

Force 386X	IK-500
Legend 386X	Not Supported (consider the PC Powered)
PB 286™	Not Supported (consider the PC Powered)
PB 686™	IK-500

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**PC Brand®**

386/20	IK-500
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**PC Tech®**

386/33	IK-500
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**Peregrine®**

386/33	IK-500
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**Samsung®**

PC Terminal/286™	Not Supported (consider the PC Powered)
S800™	Not Supported (consider the PC Powered)
SD630™	IK-500
386 AE/Novell File Server	IK-500

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**Sears®**

286/2	IK-500
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**Smart Micro®**

486/25	IK-500
486/33	IK-500

**Computer****Kit(s) for the TAPE250 Insider and Insider HH ①****Softworks® (Citrus)**

286 Plus	IK-500
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**Speer®**

286/16	IK-500
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**Standard®**

Turbo-88	IK-500
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**Tandon®**

Targa 286™	IK-500
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TM7521™	IK-500
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**Tandy®**

3000HD™	IK-500
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3000HL™	IK-500
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4000™	IK-500
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4000LX™	IK-500
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**Televideo®**

Tele-386™	IK-500
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**UNISYS®**

3137-01	IK-500
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PW500™	Not Supported (consider the PC Powered)
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PW850™	IK-500
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**VIP®**

386/20	IK-500
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① Refer to: Chapter 2 – What About . . . Kit Contents? (The IK-500 hardware is shipped with the TAPE250 Insider HH; it is not shipped with the Insider)



**Computer****Kit(s) for the TAPE250 Insider and Insider HH**

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**Wyse®**

386/16	IK-500
WY-2108™	IK-500
WY-2112™	IK-500
WY-3216™	IK-500

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**Zenith®**

2521-EY	Not Supported (consider the PC Powered)
ZW248 80286	IK-500
ZBV-3624-GQ	IK-500
ZBO-2503-EK	IK-500
Z386 SX/20	IK-500

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**Zeos®**

286	IK-500
386SX/16	IK-500
386/16	IK-500
386SX/20	IK-500



## **What About ...**

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... Accessory Hardware? .....	2-6



## What About ...

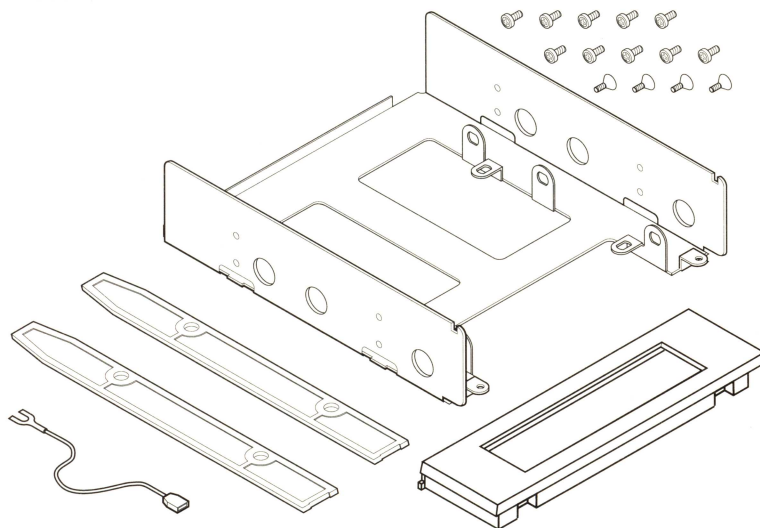
This chapter illustrates and describes the reference numbers listed in Chapter One. Make sure the illustration(s) and description(s) fit your installation needs.

### ... Iomega Configuration Kits and Accessories?

Iomega configuration kits and accessories are illustrated and described next.

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#### IK-500

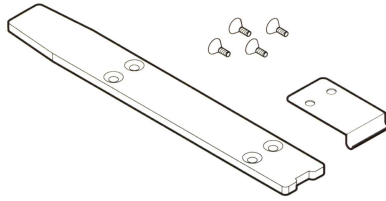


The contents of the IK-500 kit will convert the Iomega TAPE250 Insider to fit in a 5¼ inch, half-height bay. (Some of the hardware illustrated may not be needed for your configuration.)

**NOTE:** *The contents of this kit are shipped as part of the TAPE250 Insider HH package.*

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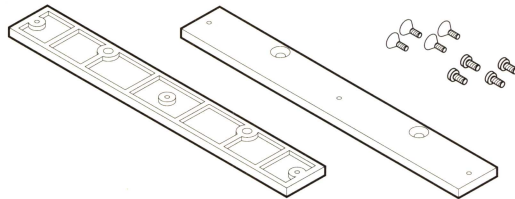
### IK-501



The contents of the IK-501 kit are an Epson-style rail, a ground clip, and mounting screws.

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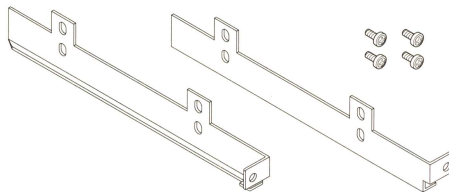
### IK-502



The contents of the IK-502 kit are Compaq and Dell-style rails and mounting screws.

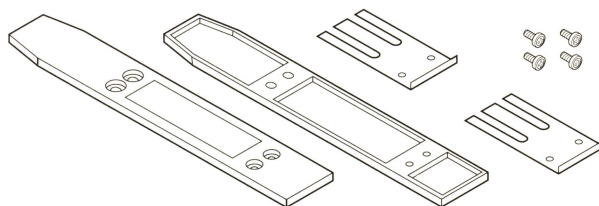
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### IK-503



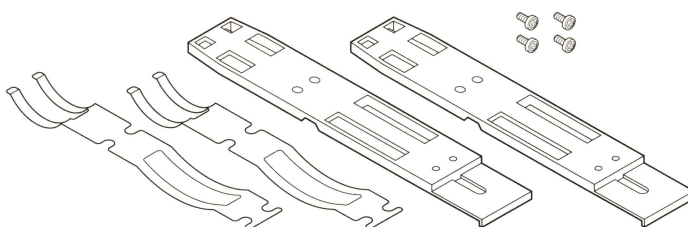
The contents of the IK-503 kit are metal Compaq-style rails and mounting screws.

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**IK-505**

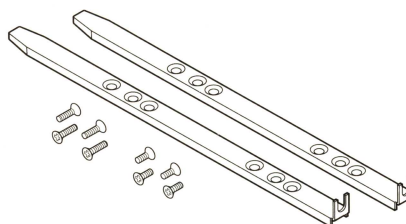
The contents of the IK-505 kit are NEC-style rails, ground clips, and mounting screws.

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**IK-506**

The contents of the IK-506 kit are NEC-style rails, grounding clips, and mounting screws.

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**IK-508**

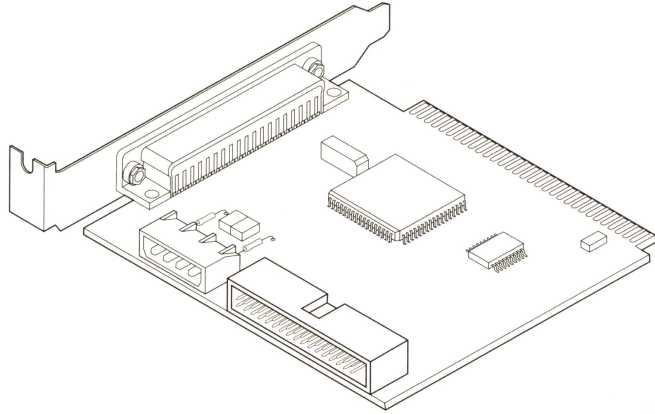
The contents of the IK-508 are narrow, metal Northgate rails and mounting screws.



## ... The Iomega PC10p Tape Controller?

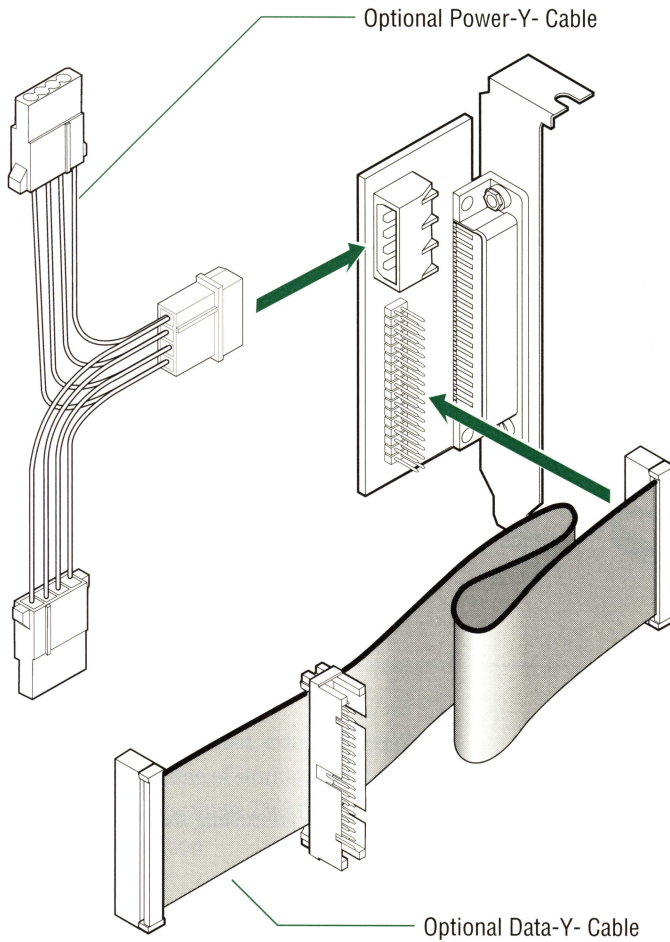
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### PC10p



The Iomega PC10p, 1Mbps Floppy Controller is designed to coexist with your existing floppy disk controller and will work with most IBM AT and compatible computers. For systems operating with a 500 Kilobits per second (Kbps) floppy controller, the PC10p will double the operating speed of the TAPE250 subsystem (cannot be used with Parallel Port Tape). Check your computer for an empty expansion slot before ordering.

## ... The Iomega PC01xp Extender Kit?



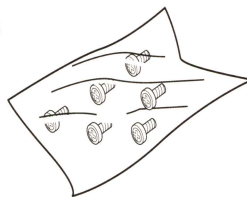
**Extender kit for the TAPE250 PC Powered subsystem;** extends power and data for external connections.

## ... Accessory Hardware?

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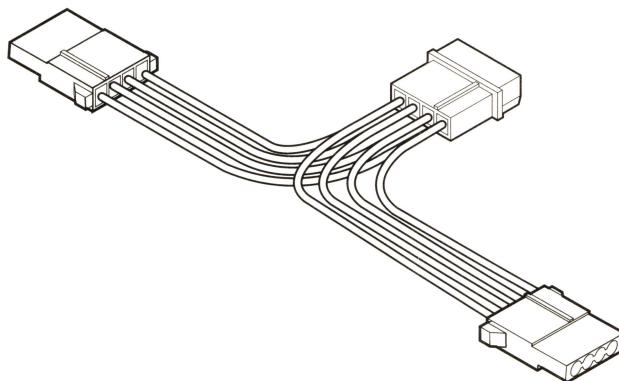
### AH-400

**Bag, Screw Assembly:** drive mounting screws  
(6 – M3x6 mm phillips pan-head)



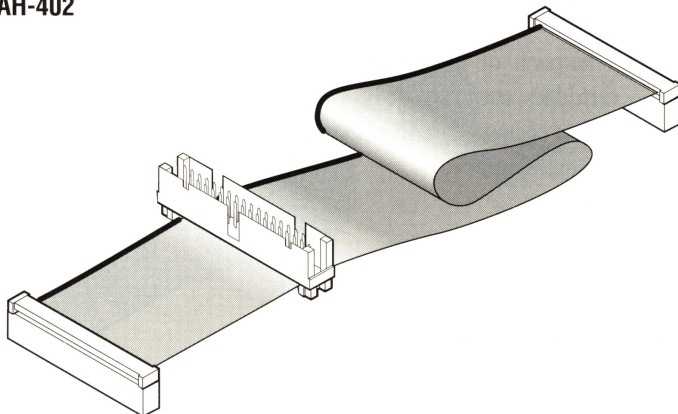
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### AH-401



**Power Y-Cable:** extends or splits an existing standard power cable

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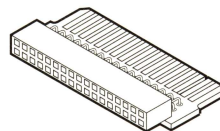
**AH-402**

**Data Y-Cable:** 34-pin data cable, extends or replaces existing data cable

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**AH-404**

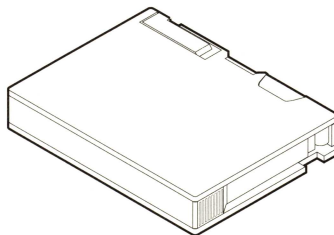
**Card-edge Converter, Data:** converts card-edge to 34-pin data



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**AH-405**

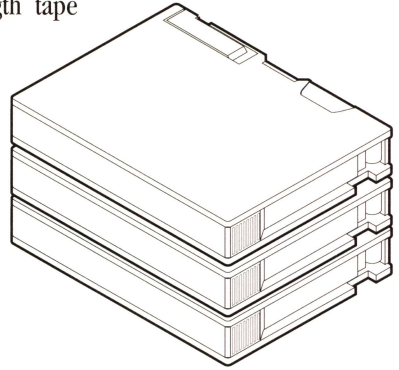
A single, pre-formatted, extended-length tape cartridge, capable of storing 120 megabytes (MB) of data or up to 250MB of data using data compression.



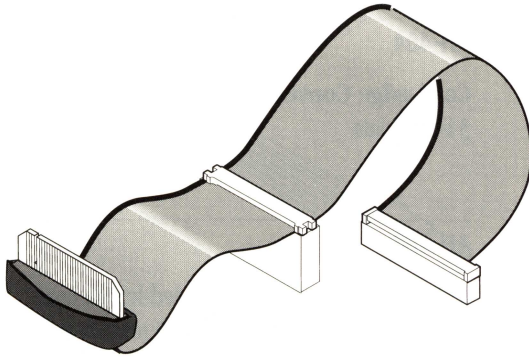
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**AH-406**

A tri-pack of pre-formatted, extended-length tape cartridges, each capable of storing 120MB of data or up to 250MB of data using data compression.



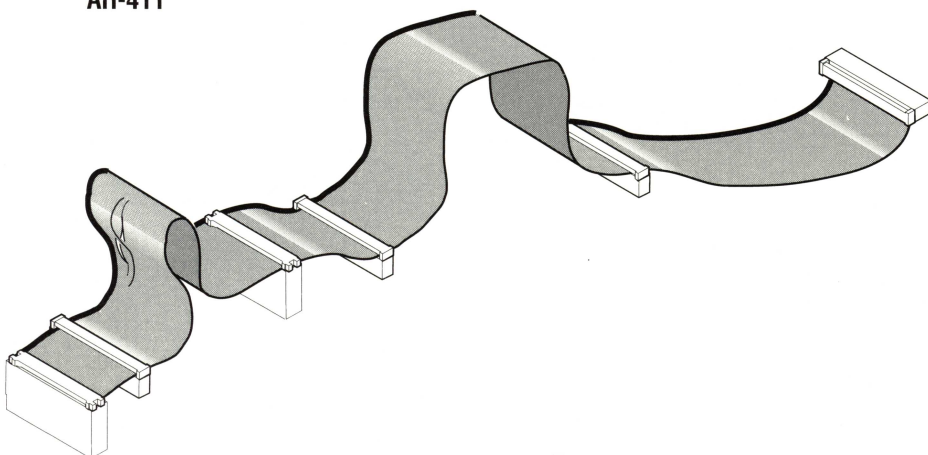
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**AH-410**

**Data Card-Edge Cable:** Dual 34-pin and card-edge cable to replace card-edge-only data cable.

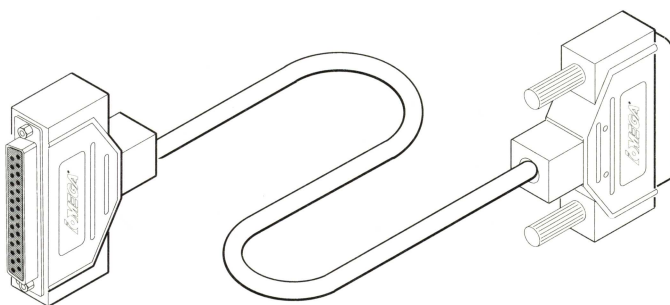


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**AH-411**

**Data In-Line Cable:** Dual 34-pin and card-edge cable with multiple connectors to replace existing floppy data cable.

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**AH-413**

**Extension Cable for TAPE250 PC Powered:** Extends the cable for a PC Powered subsystem.











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